

Analysis Method: 9034

ANALYST: HIRAL

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB91989

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2252
IODINE SOLUTION .025N 1L	W2261
Starch Solution, 4L	W2121

Seq	Lab ID	True Value (mg/l)	DF	Initial Weight (g)	Final Volume (ml)	T1 (ml)	T2 Initial	T2 Final	T2 Diff. (ml)	T1 - T2 Diff (mL)	Value Corrected With Blank	Result (ppm)	Anal Date	Anal Time
1	PB104787BL		1	5.02	50	2.00	0.00	1.62	1.62	0.38	0.00	0.00	12/06/2017	14:40
2	I6303-02		1	5.01	50	2.00	0.00	1.58	1.58	0.42	0.04	3.19	12/06/2017	14:46
3	I6303-02DUP		1	5.03	50	2.00	1.58	3.14	1.56	0.44	0.06	4.77	12/06/2017	14:53
4	I6675-02		1	5.01	50	2.00	0.00	1.58	1.58	0.42	0.04	3.19	12/06/2017	14:59
5	I6676-02		1	5.05	50	2.00	1.58	2.96	1.38	0.62	0.24	19.01	12/06/2017	15:06
6	I6683-02		1	5.04	50	2.00	2.96	4.40	1.44	0.56	0.18	14.29	12/06/2017	15:13
7	I6683-04		1	5.01	50	2.00	4.40	5.82	1.42	0.58	0.20	15.97	12/06/2017	15:19
8	I6683-06		1	5.05	50	2.00	5.82	7.18	1.36	0.64	0.26	20.59	12/06/2017	15:25
9	I6685-02		1	5.03	50	2.00	0.00	1.38	1.38	0.62	0.24	19.09	12/06/2017	15:32
10	I6685-04		1	5.03	50	2.00	1.38	2.74	1.36	0.64	0.26	20.68	12/06/2017	15:38
11	I6738-03		1	5.00	50	2.00	2.74	4.06	1.32	0.68	0.30	24.00	12/06/2017	15:45
12	I6741-02		1	5.06	50	2.00	4.06	5.20	1.14	0.86	0.48	37.94	12/06/2017	15:52

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

Value Corrected With Blank = ((T1 - T2 Diff) - Blank Correction(BL))

Result = ((T1 * Normality1) - ((T1 - Value Corrected With Blank) * Normality2)) * Constant / Initial Volume